

Liparis seidenfadeniana (Orchidaceae), a New Species from China

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ABSTRACT. *Liparis seidenfadeniana* from China is described, and its relationships are briefly discussed.

Species haec *Liparis inapertae* affinis, sed gynostemiis alatis, foliis obovatis, pseudobulbis anguste cylindricis procumbentisque et inflorescentis brevis, 1-2(-3)-floris iam diagnoscenda.

Liparis (sect. *Coriifoliae*) ***seidenfadeniana*** Szlachetko, sp. nov. TYPE: China. Kouy-Tcheou (Guizhou), San-chouen (Sichuan), *Cavalerie* 3792 (holotype, P; isotype, P). Figure 1.

Rhizome creeping. Pseudobulbs narrowly cylindrical, up to 10 mm long, 2 mm diam. Leaf solitary, subsessile, obovate, obtuse, up to 25 mm long, usually less than 10 mm, about 5-8 mm wide, hard.

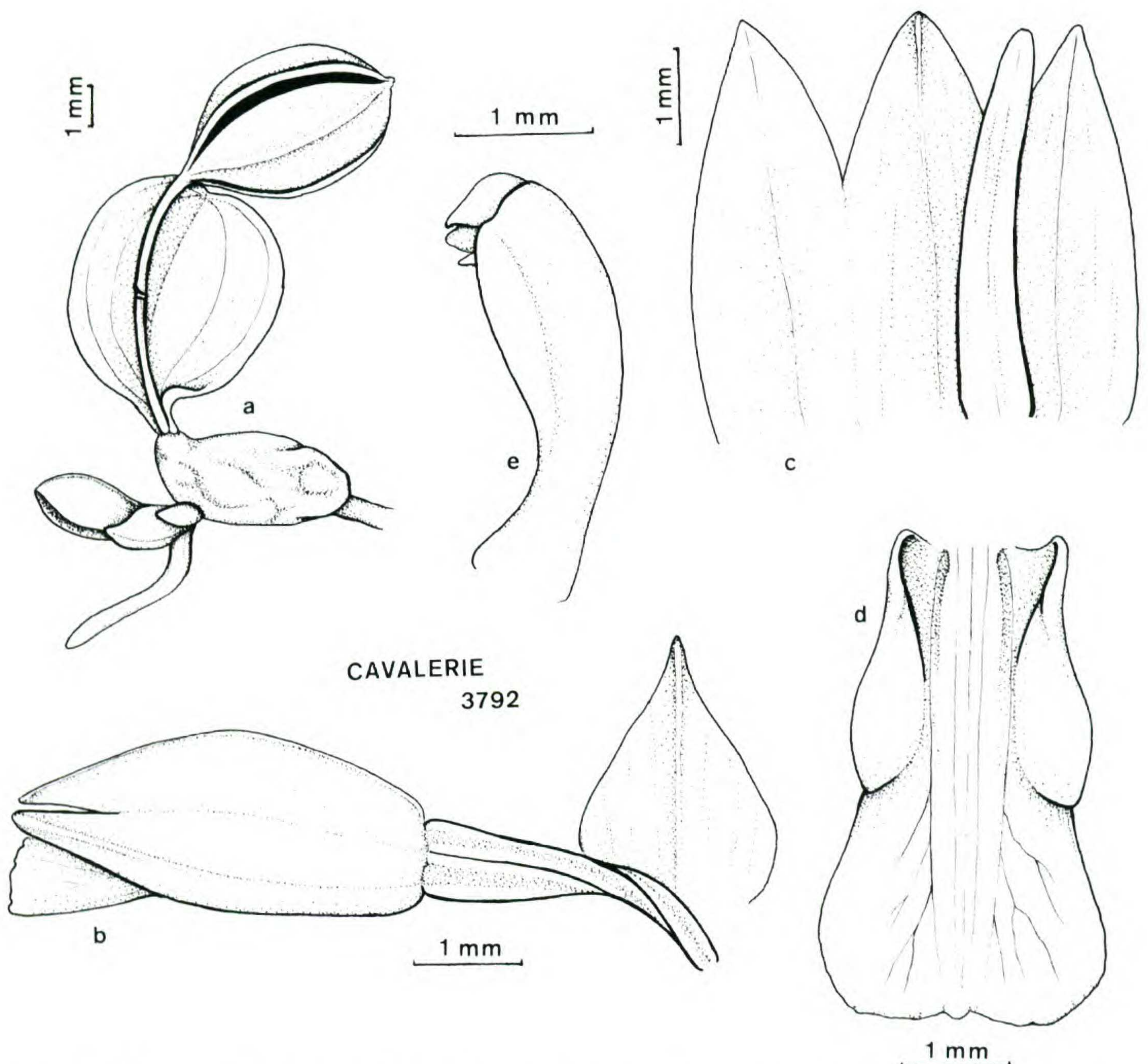


Figure 1. *Liparis seidenfadeniana* Szlachetko. —a. Plant. —b. Flower and floral bract. —c. Sepals and petals. —d. Lip. —e. Column, side view. Drawn from the holotype (P).

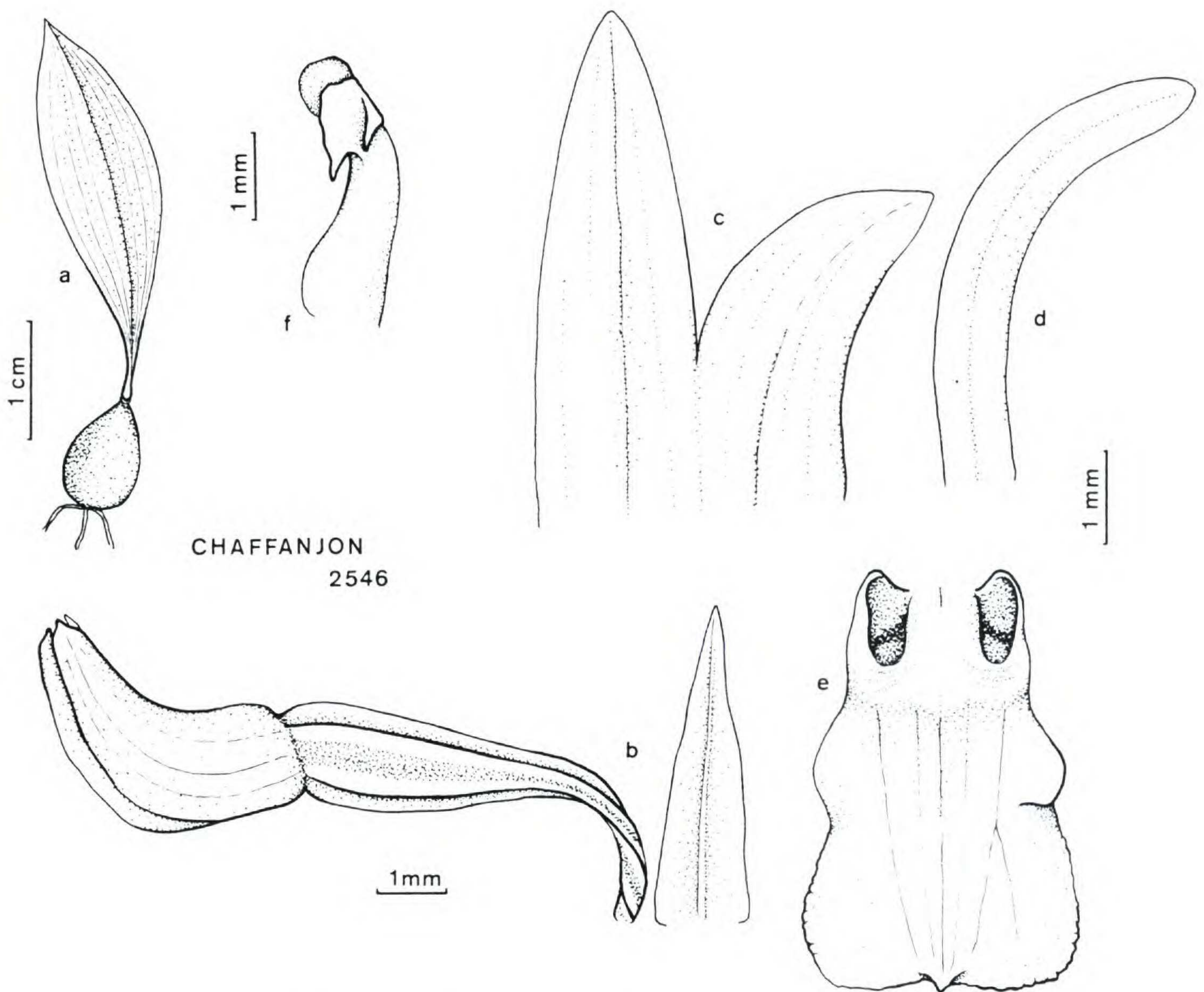


Figure 2. *Liparis inaperta* Finet. —a. Plant. —b. Flower and floral bract. —c. Sepals. —d. Petal. —e. Lip. —f. Column, side view. Drawn from the holotype (P).

Inflorescence up to 15 mm long, usually 1–2-, occasionally 3-flowered. Floral bracts ovate-triangular, about 3 mm long, membraneous. Flowers tiny, tubular, \pm straight. Pedicel and ovary 3–4 mm long. Dorsal sepal oblong-ovate, acute, 4.5 mm long, 1.5 mm wide; on margins fused $\frac{2}{3}$ of their length with the lateral sepals. Lateral sepals free from one another, oblong-lanceolate, acute, asymmetric, 4.5 mm long, 1.3 mm wide. Petals linear, slightly falcate, obtuse, 4.5 mm long, 0.5 mm wide, adnate to the sepals. Lip \pm straight, \pm rectangular in outline, 4.5 mm long, 2.5–2.8 mm wide, fleshy; basal part with small auricles, thickened on margins and along mid-nerve; apical part thin, minutely retuse. Column slightly arcuate, 3 mm long, without wings or auricles. Anther cordate, operculate, 0.7 mm long. Pollinia 4, ca. 0.5–0.6 mm long, laterally flattened, narrowed toward apex.

Liparis seidenfadeniana is closely related to *L. inaperta* Finet (Fig. 2) and *L. fargesii* Finet (Fig. 3), both from China. From *L. inaperta* it is easily distinguished by the lack of column wings, straight flowers, a short and sparse inflorescence, obovate leaves, and narrowly cylindrical pseudobulbs. It differs from *L. fargesii* by tubular flowers, connate sepals, acute apical portion of lip, and obovate leaves. Information about the type locality given by Cavalerie on the original label is very unclear. It includes just the names of two Chinese provinces without more precise locality data.

This species is named after Gunnar Seidenfaden, an eminent specialist of the orchid flora of Indochina.

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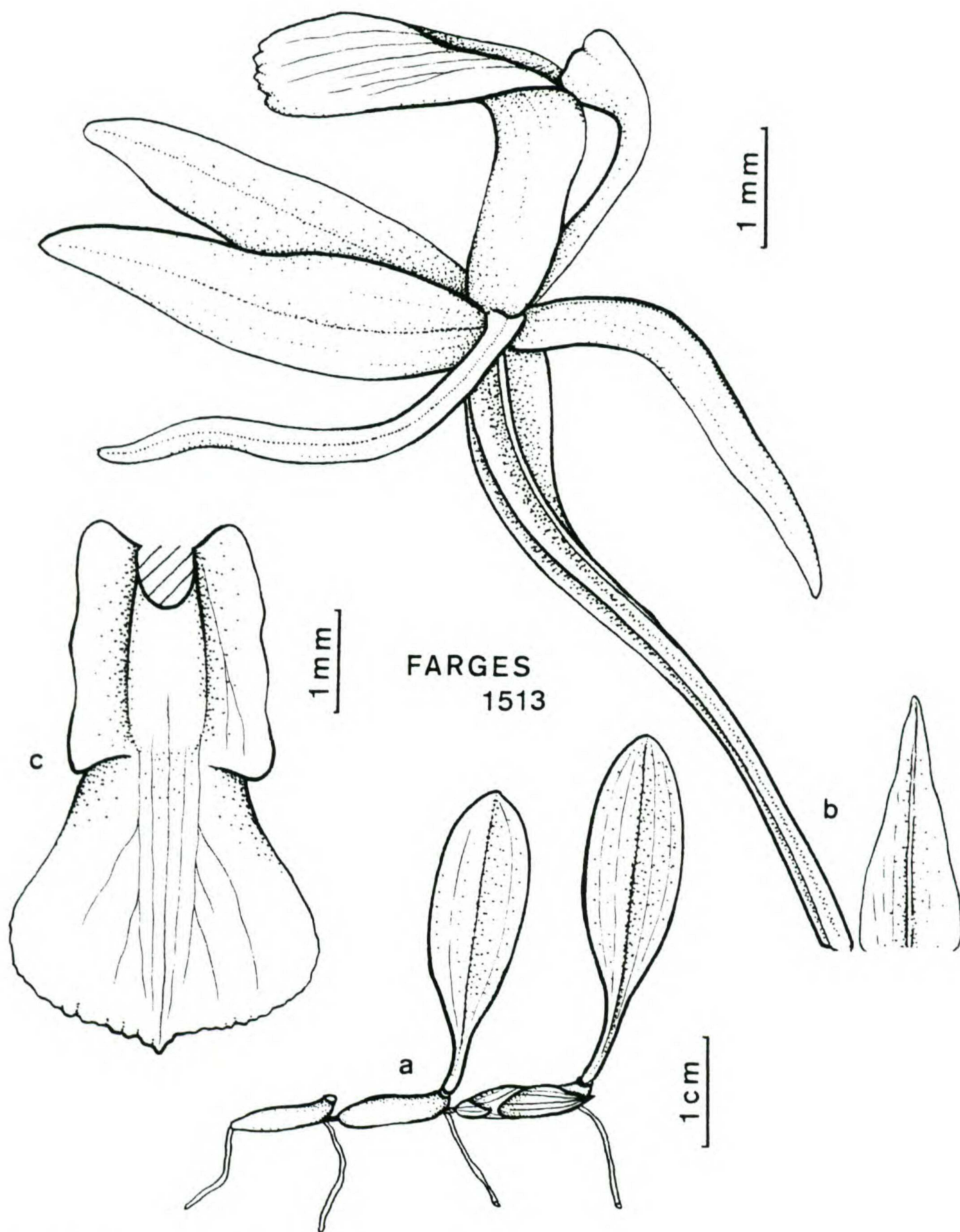


Figure 3. *Liparis fargesii* Finet. —a. Plant. —b. Flower and floral bract. —c. Lip. Drawn from the holotype (P).